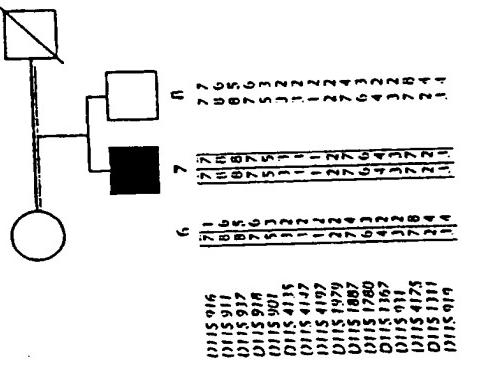


Figure 1



KEY:

- = Female
- = Male
- = PLS affected
- = Consanguineous
- Numbered individuals have been clinically examined and sampled.

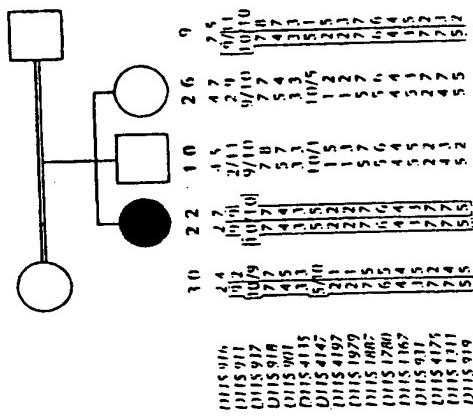
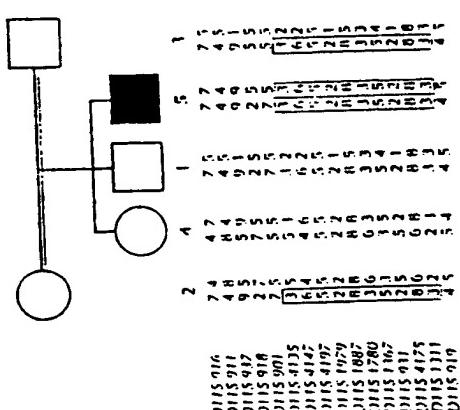
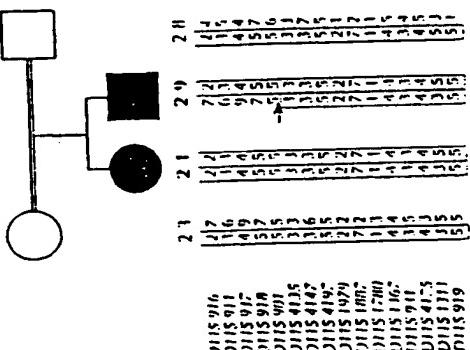
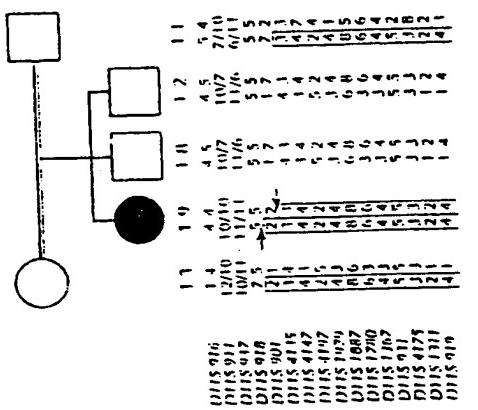


Figure 2

Wildtype sequence from nt 844 to 862 - ATCCTAAGCCTAGGAGG

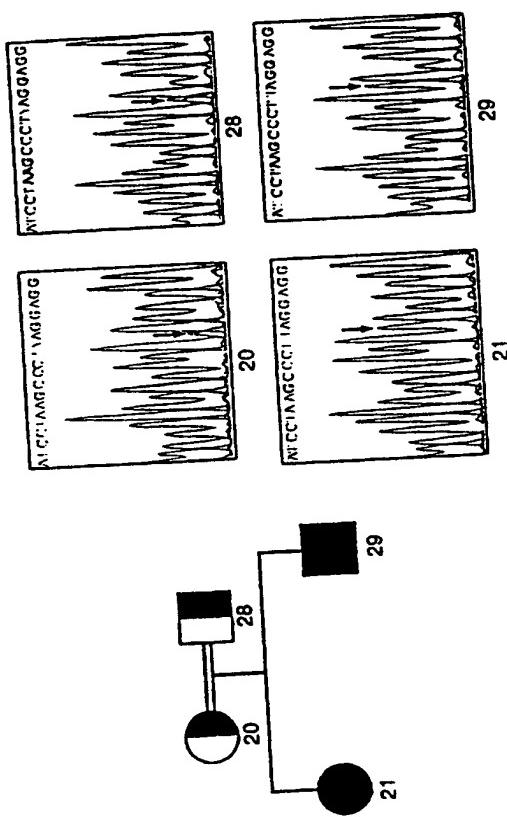


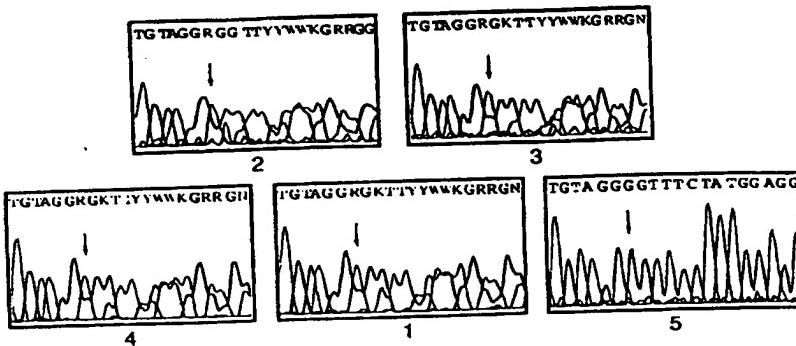
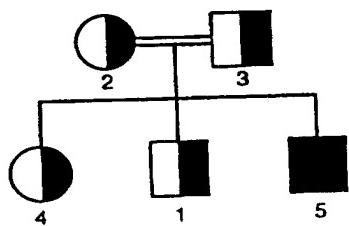
Figure 3

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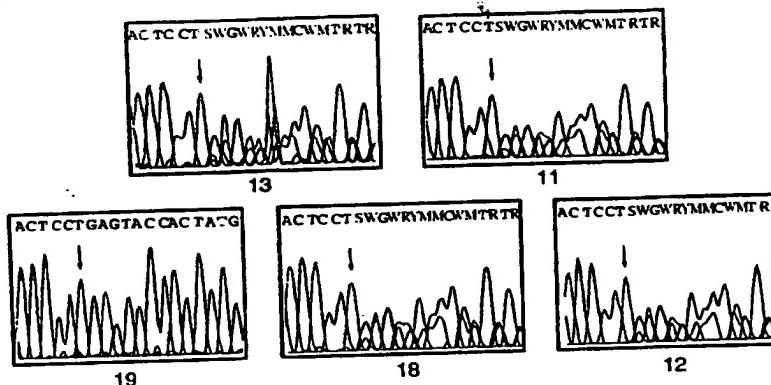
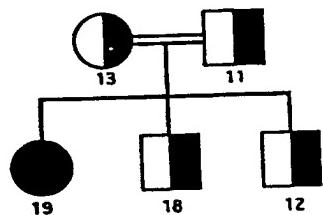
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A

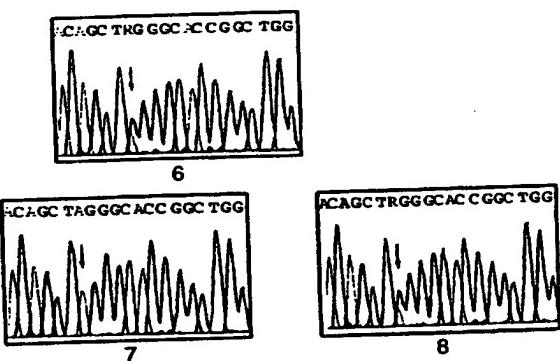
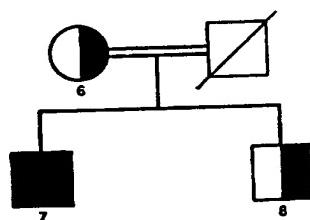
Wildtype sequence from nt 1041 to 1061 - TGTAGGAGGTTCTATGGAGG

**B**

Wildtype sequence from nt 1022-1041 ACTCCTCTGAGTACCACTAT

**C**

Wildtype sequence from nt 1280 to 1299 - ACAGCTGGGCACCGGCTGG

**D**

Wildtype sequence from nt 1280 to 1299 - ACAGCTGGGCACCGGCTGG

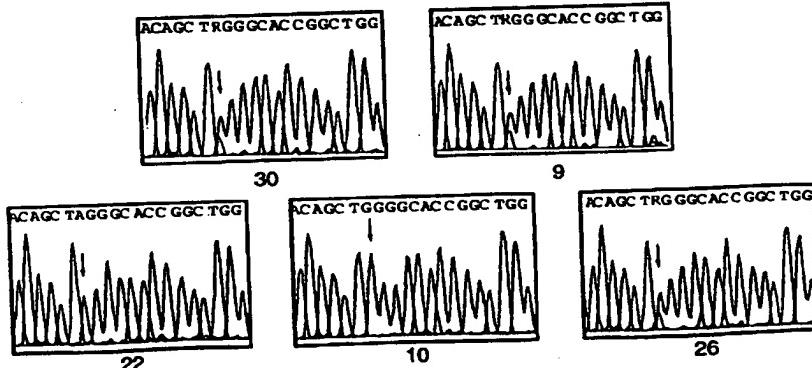
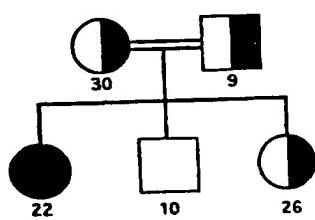


Figure 4

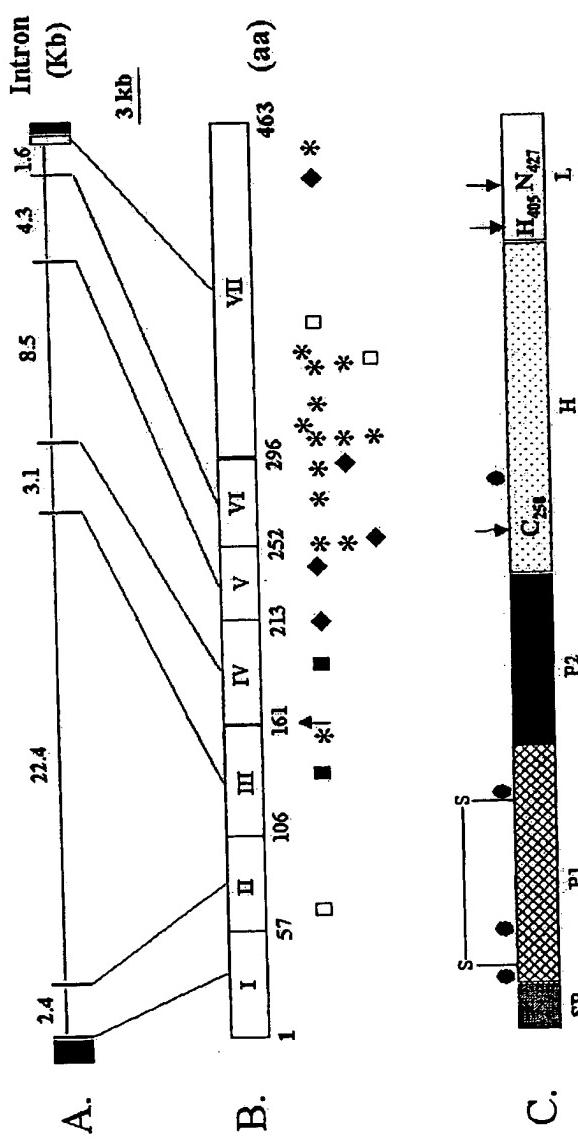


Figure 5

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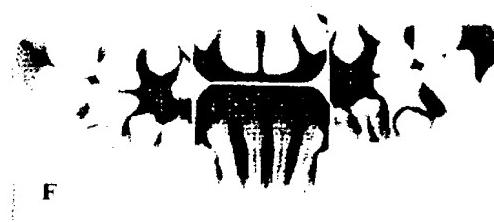
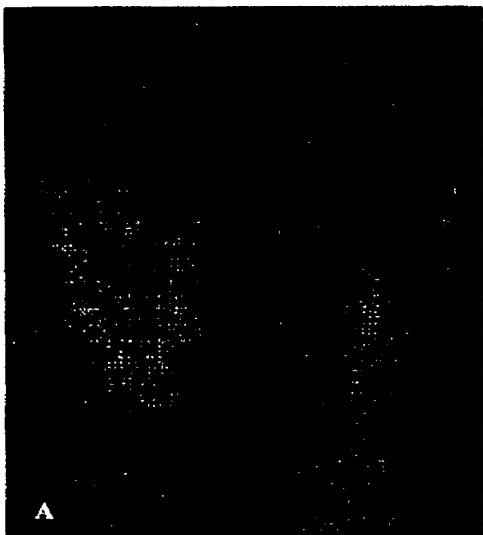
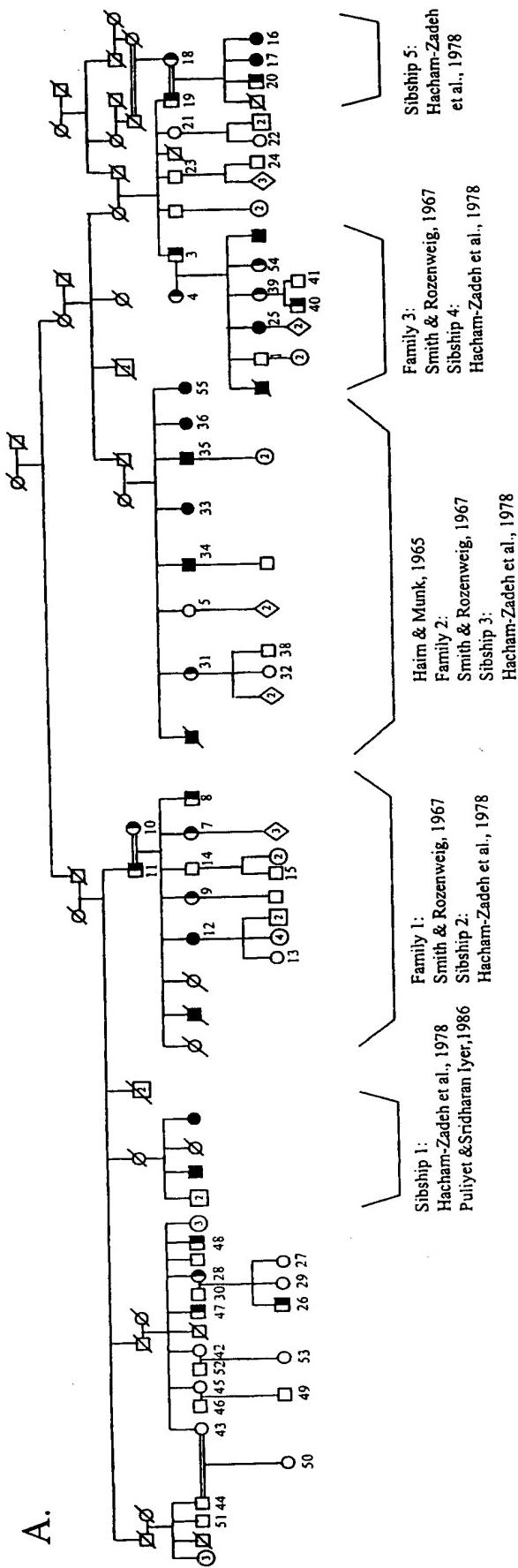
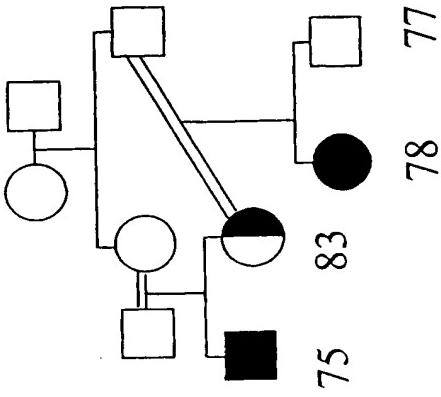
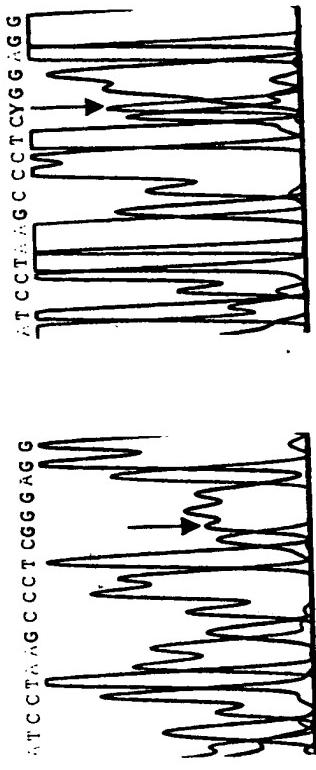


Figure 6

**B.****Figure 7**

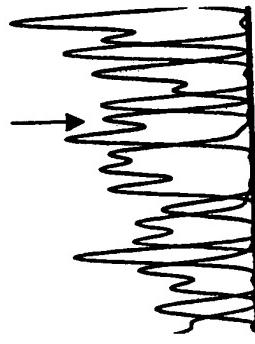
Wildtype sequence from nt 2114 to 2133- ATCCTAACGCCCTCAGGAGG



A.

36 31

ATCCTAACGCCCTCAGGAGG



B.

78

Figure 8

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PCT/US00/20400

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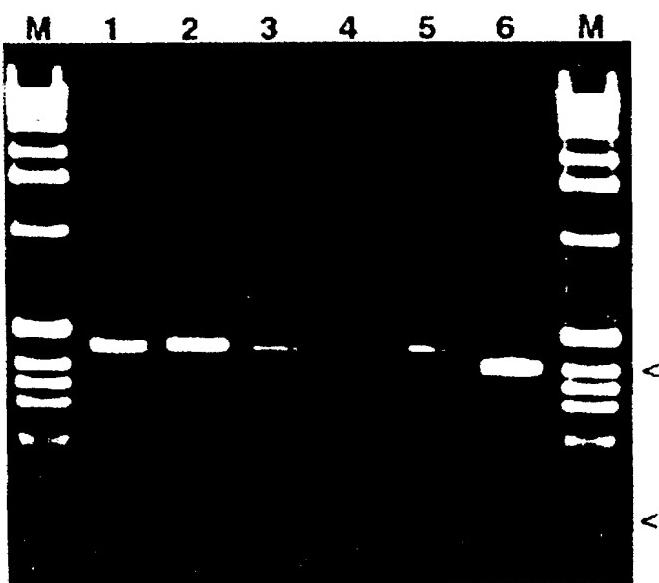


Figure 9